



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending August 22, 2010

## CORN FOR GRAIN HARVEST KICKS OFF, HEAVY RAIN IN MIDDLE TN

Parts of Middle Tennessee received several inches of rain and experienced flooding in some low-lying land and rivers. Meanwhile, another week of higher-than-normal temperatures and inadequate rain continued to stress crops in West Tennessee. Farmers continued to harvest corn for silage, and in some areas, began harvesting corn for grain. Last week’s weather produced a modest overall improvement of pasture conditions across the state. The cotton crop is advancing towards maturity ahead of the five-year-average. By week’s end, 28 percent of the acreage had bolls opening. Other farm activities this week included spraying insecticides and herbicides and harvesting tobacco.

There were 5 days suitable for fieldwork this week. Topsoil moisture levels were rated 8 percent very short, 26 percent short, 61 percent adequate, and 5 percent surplus. Subsoil moisture levels were 13 percent very short, 31 percent short, 54 percent adequate, and 2 percent surplus. Temperatures averaged 3 to 6 degrees above normal across the state. Precipitation averaged just above normal in West Tennessee, about 4 inches above normal in Middle Tennessee, and between 1 and 2 inches above normal in East Tennessee.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2009	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Dent	96	86	72	88	Corn	8	14	30	39	9
Corn – Mature	54	24	6	30	Cotton	1	3	25	57	14
Corn – Silage Harvested	67	58	41	54	Pastures	7	23	42	26	2
Corn – Grain Harvested	8	NA	NA	3	Soybeans	6	12	32	41	9
Cotton – Bolls Opening	28	7	2	10	Tobacco	2	8	31	53	6
Soybeans – Setting Pods	94	82	84	90						
Soybeans – Dropping Leaves	14	5	1	10						
Tobacco – Topped	79	70	80	80						
Tobacco – Burley Harvested	27	20	18	24						
Tobacco – Dark Air-Cured Harvested	42	30	28	34						
Tobacco – Dark Fire-Cured Harvested	46	34	26	31						

NA = Not Available

### County Agent Comments

- “Soybeans look okay but could use water. Cotton is starting to really open up, but we have not started the defoliation process.”

Calvin Elder, Dyer County
- “The farmers in Fayette County started corn harvest. We have had loads sent home due to aflatoxin. The armyworms are eating our lunch. There have been some farmers that have sprayed fields 3 times. They are in hay fields, pastures, sod farms, and yards. Cotton is popping open and defoliation will start soon.”

Jeffery D. Via, Fayette County
- “Heavy rain in places caused standing water in crops and pastures. No so much loss at this stage of growth.”

David K. Glover, Smith County
- “From 4.5 to 10 inches of rain fell in Putnam County from Tuesday night to Wednesday night. Localized flooding across much of the county. Farmers had fences washed away, gravel and trash in fields and will probably affect fall hay harvest.”

Scott Chadwell, Putnam County
- “Showers have been spotty. The South end of the county is still suffering from drought stress. The North end of the county is doing much better. Some corn and beans look good. Some are stunted and desperately need rain. Flies and pinkeye are still serious problems due to heat.”

John Goddard, Loudon County
- “Rainfall almost every day this week brought in moisture. However, the rainfall created muddy conditions and caused problems for equipment in the fields.”

Shannon Perrin, Union County

TEMPERATURES AND PRECIPITATION  
For week ending: August 22, 2010 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending August 22, 2010				Current Week 8/22/10	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	101	71	84	7	0.80	3	41.04	6.63	27.96	7.32
Brownsville_TN	99	70	85	7	0.99	3	43.56	9.08	32.00	11.32
Covington	97	69	83	6	0.88	2	38.95	5.34	27.34	7.41
Dyersburg	97	68	84	6	0.82	1	24.79	-8.11	15.02	-5.06
Huntingdon_Wate	97	68	83	7	0.29	2	33.89	-0.51	23.32	2.68
Jackson_Exp_Stn	97	71	83	6	0.31	2	49.67	15.48	38.35	17.44
Lexington_TN	97	70	82	5	1.91	2	41.36	7.94	28.12	7.89
Martin	99	65	82	6	0.39	4	28.87	-5.87	18.74	-2.76
Memphis_AG	98	71	85	5	0.90	2	42.60	8.89	29.64	9.42
Milan	98	68	82	6	0.60	1	47.63	12.25	37.94	16.18
Paris	96	66	81	6	0.58	4	33.28	-0.93	24.33	3.63
Savannah_6SW	97	69	81	4	3.79	5	45.21	7.87	29.99	8.11
Selmer	101	70	83	7	1.85	3	42.09	5.38	28.14	6.67
Union_City	96	62	81	6	0.14	2	28.82	-5.02	16.78	-3.88
Middle										
Clarksville_Sew	94	66	82	6	1.28	3	34.42	1.21	27.40	7.84
Cookeville	91	65	78	3	6.53	4	44.05	6.39	29.00	6.37
Crossville_AP	89	63	78	6	1.81	4	35.43	-1.76	22.37	0.20
Dickson_AG	90	63	79	3	2.19	3	44.16	8.77	32.31	10.93
Dover_1W	95	66	80	5	1.20	2	35.41	1.00	27.29	6.78
Fayetteville_TN	97	66	83	8	2.00	5	31.07	-4.46	16.27	-3.98
Jamestown	89	63	76	4	3.30	4	39.82	3.46	26.04	3.52
Kingston_Spring	94	67	80	6	4.40	5	42.47	8.60	31.73	11.83
Lawrenceburg_FI	93	62	79	5	2.18	2	40.52	3.75	23.71	2.76
Lewisburg	98	63	80	5	3.61	4	36.36	0.05	24.33	2.60
Linden	96	66	80	5	2.35	3	42.39	5.67	31.43	9.70
Livingston_WLIV	91	65	78	4	6.58	4	44.24	9.14	29.42	7.84
Murfreesboro_5N	93	65	80	4	5.50	4	48.01	13.03	35.20	14.00
Nashville_Metro	93	66	81	4	5.09	4	48.11	16.62	37.69	18.44
Oneida	89	62	76	5	6.29	4	44.39	7.87	32.27	9.62
Portland_TN	91	67	79	4	2.71	4	28.28	-5.96	23.19	2.25
Pulaski_Water_P	94	63	79	2	1.38	5	34.92	-1.17	20.87	0.17
Shelbyville	94	69	81	5	3.25	5	36.68	0.30	24.04	2.54
Sparta_TN	93	65	80	6	1.39	4	37.18	0.67	18.99	-2.95
Springfield	95	66	79	5	2.19	4	35.98	3.11	25.33	5.33
Springhill	95	67	81	5	2.54	3	37.54	1.07	24.21	2.35
Tullahoma	91	67	80	4	2.60	4	37.66	0.19	23.10	1.60
East										
Chattanooga/Lov	97	72	85	8	1.03	5	29.05	-6.23	15.69	-3.86
Cleveland_6NNE	94	69	81	6	2.68	6	34.86	-1.34	20.61	-0.03
Dayton	94	68	81	5	0.90	6	35.17	-1.88	20.67	-0.36
Erwin_1W	92	66	77	7	4.37	5	30.71	-2.91	23.21	1.10
Gatlinburg_2SW	92	63	77	6	2.77	5	34.34	-4.22	23.42	-1.20
Greeneville	94	66	78	5	1.65	5	23.71	-5.53	16.39	-2.16
Kingston_AG	94	67	80	7	1.22	2	37.76	-1.24	23.43	0.51
Knoxville_AP	95	71	82	6	1.40	3	28.68	-3.43	16.65	-2.14
Newcomb	91	65	77	5	4.81	4	35.83	-0.69	24.53	1.88
Norris_4NE	90	64	76	3	4.80	5	48.21	12.89	34.06	12.63
Tri-City_RGNL_A	94	65	78	5	4.35	5	23.57	-4.07	15.60	-1.67

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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